

# CATEGORY 1

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9910140179      DOC. DATE: ~~99/09/30~~ NOTARIZED: NO      DOCKET #  
 FACIL: 50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service      05000305  
 AUTH. NAME      AUTHOR AFFILIATION  
 ANDERSON, M.L.      Wisconsin Public Service Corp.  
 MARCHI, M.L.      Wisconsin Public Service Corp.  
 RECIPIENT NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1999 for Kewaunee Nuclear Plant. With 991008 ltr.

DISTRIBUTION CODE: IE24D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 6  
 TITLE: Monthly Operating Report (per Tech Specs)

### NOTES:

	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTR	ENCL		LTR	ENCL
	KIM, TJ	1	1			
INTERNAL:	ACRS	1	1	<u>FILE CENTER 01</u>	1	1
	OC/DBA/PAD	1	1	RES/DRAA/OERAB	1	1
	RGN3	1	1			
EXTERNAL:	LMITCO MARSHALL	1	1	NOAC	1	1
	NRC PDR	1	1			

RECEIVED

NOTE TO ALL "RIDS" RECIPIENTS:  
 PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS  
 OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL  
 DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTR      9      ENCL      9

MR

C  
A  
T  
E  
G  
O  
R  
Y  
  
1  
  
D  
O  
C  
U  
M  
E  
N  
T



NRC-99-074

Wisconsin Public Service Corporation  
(a subsidiary of WPS Resources Corporation)  
600 North Adams Street  
P.O. Box 19002  
Green Bay, WI 54307-9002  
1-920-433-5544 fax

October 8, 1999

10 CFR 50.36

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

Ladies/Gentlemen:

Docket 50-305  
Operating License DPR-43  
Kewaunee Nuclear Power Plant  
Monthly Operating Report

The narrative "Summary of Operating Experience" and completed forms covering plant and component availability for the Kewaunee Nuclear Power Plant for September 1999 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

Mark L. Marchi  
Vice President-Nuclear

MLA

Enc.

cc - US NRC - Region III  
NRC Senior Resident Inspector  
INPO Records Center  
PSCW - Sharon Hennings

1/1  
IE24

9910140179 990930  
PDR ADOCK 05000305  
R PDR

140031

**KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305  
SUMMARY OF OPERATING EXPERIENCE**

**September 1999**

The unit continues to operate at 97% NI power, steady state operation.

**Instrument and Control Group Activities for the Month:**

All four shroud cooling bypass valve travel values were re-verified with established base line information.

Repaired/calibrated nuclear instrumentation power range channel on line.

Repaired/recalibrated four H-Line Foxboro control boxes.

**Maintenance Group Activities for the Month:**

**Electrical Maintenance**

Completed monthly safeguards battery surveillance.

Supported I&C on their monthly SP 316 reactor protection surveillance.

Performed preventative maintenance on ICS pump breakers.

Performed diagnostic testing on ICS Pump A suction valve and SW valve to auxiliary FW Pump A.

**Mechanical Maintenance**

Completed vibration monitoring on numerous components including: Containment spray pumps, containment fan coils, containment dome fans, reactor coolant pumps and control room A/C unit. All were found to be operating acceptably.

Supported monthly diesel testing including day tank fuel oil sampling

Completed preventative maintenance on CO2 system for diesel generator room.

Completed heat detector testing of SBV charcoal filter assemblies.

Replaced SFP exhaust filters.

A V E R A G E   D A I L Y   U N I T   P O W E R   L E V E L

DOCKET NO- 50-305  
UNIT- KEWAUNEE  
COMPLETED BY- M. L. ANDERSON  
TELEPHONE- 920-388-8453

REPORT MONTH SEPTEMBER 1999

DAY                      AVERAGE DAILY  
                            POWER LEVEL  
                            (MWE-NET)

1	498
2	498
3	494
4	503
5	502
6	503
7	498
8	503
9	507
10	503
11	507
12	507
13	507
14	507
15	507
16	511
17	503
18	478
19	506
20	507
21	507
22	507
23	507
24	507
25	507
26	507
27	507
28	507
29	503
30	507

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: October 7, 1999  
 COMP BY: Mary L. Anderson  
 TELEPHONE: 920-388-8453

**UNIT SHUTDOWNS AND POWER REDUCTIONS**  
**REPORT MONTH - SEPTEMBER 1999**

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
									No shutdowns or power reductions in September

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM &amp; COMPONENT CODES</u>
F: FORCED S: SCHEDULED	A-Equipment Failure (explain) B-Maintenance or Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operational Error (explain) H-Other (explain)	1-Manual 2-Manual Scram 3-Automatic Scram 4-Continuations 5-Load Reductions 9-Other	From NUREG-0161

O P E R A T I N G   D A T A   R E P O R T

DOCKET NO- 50-305  
 COMPLETED BY- M. L. ANDERSON  
 TELEPHONE- 920-388-8453

O P E R A T I N G   S T A T U S

1 UNIT NAME    KEWAUNEE		*****	
		*	*
2 REPORTING PERIOD    SEPTEMBER, 1999		* NOTES	*
		*	*
3 LICENSED THERMAL POWER (MWT)            1650		* 97% Rx Power, Steady State Operation	*
		*	*
4 NAMEPLATE RATING (GROSS MWE)            560		*	*
		*	*
5 DESIGN ELECTRICAL RATING (NET MWE)      535		*	*
		*	*
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 537		*	*
		*	*
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 511		*****	*

8 IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS  
 None

9 POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) None

10 REASONS FOR RESTRICTIONS, IF ANY

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	720	6551	221713
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6551.0	187872.8
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	6551.0	185797.4
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1151703	10442190	294124920
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	381800	3472800	97509200
18 NET ELECTRICAL ENERGY GENERATED (MWH)	362683	3303320	92790503
19 UNIT SERVICE FACTOR	100.0	100.0	83.8
20 UNIT AVAILABILITY FACTOR	100.0	100.0	83.8
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.6	98.7	81.7
22 UNIT CAPACITY FACTOR (USING DER NET)	94.2	94.3	78.2
23 UNIT FORCED OUTAGE RATE	0.0	0.0	1.8

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A